

19980530.ba v02_n073.bam.980530 v02_n074.bam.980530 v02_n075.bam.980530

>From ???@??? Sat May 30 13:44:34 1998
Message-Id: <199805300646.BAA08319@sco.theporch.com>
Date: Sat, 30 May 1998 01:45:17 CDT
Subject: BOATANCHORS digest 2073

BOATANCHORS Digest 2073

Topics covered in this issue include:

- 1) Re: foam-in-place packaging Loong!!
by Dan Arney <kn6di@groupone.net>
- 2) Grimeton adventure
by Bengt Wilander <bkh@bwab.se>
- 3) Re: Foam-In-Place..
by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 4) AM to CW = smoke??
by MNHopkins@aol.com
- 5) 6 Meters on Vintage Field Day?
by Mikhael Brown <mikhael@hpcmp13.sj.hp.com>
- 6) Need AN/ARN-6 radio compass bits and pieces
by "Jense, G.J. 446/3H06/2-5" <jeng2@fel.tno.nl>
- 7) Rack slides for sale
by "Terry O'Laughlin" <terryo@wort-fm.terracom.net>
- 8) Grimton seekers.
by GIBSON@ASTRA.LBL.GOV
- 9) Re: Grimton seekers.
by Al Klase <skywaves@bw.webex.net>
- 10) FS: MD-7 / ARC-5 Modulator
by David Ragsdale <doragsda@polymail.cpunix.calpoly.edu>
- 11) Schematic for 75A2
by gcr2@po.CWRU.Edu (George C. Rybicki)
- 12) Re: MD-7 / ARC-5 Modulator
by "Mike Feher" <n4fs@monmouth.com>
- 13) BC-611 cases wanted
by BEN NOCK <G4BXD@compuserve.com>
- 14) Carbon mike repair??
by Billy Wiggins <bwiggg@worldnet.att.net>
- 15) 3-500 quality
by Steve Lords <sklords@sprynet.com>
- 16) Re: need capacitors
by Steve Lords <sklords@sprynet.com>
- 17) UPS and foam packing
by Bill Hawkins <bill@iaxs.net>
- 18) Re: foam-in-place packaging
by Dan Arney <kn6di@groupone.net>
- 19) Re: UPS clue free 800# :-)

- by Tom Norris <badger@telalink.net>
- 20) Stranded BA in Alberta.....
by Tom Norris <badger@telalink.net>
- 21) BARA Hamfest
by Glenn Finerman <glennfin@mjet.com>
- 22) A mountain of e-mail
by "David L. Thompson" <thompson@mindspring.com>
- 23) Different Super Pro 600 types...
by "David L. Thompson" <thompson@mindspring.com>
- 24) Re: Different Super Pro 600 types...
by Kargokult@aol.com
- 25) Re: RT-19 AN/ARC-4 and T-23
by Kargokult@aol.com
- 26) UPS foam-in-place: Where?
by Heinz und Hannelore Breuer <hbreuer@metronet.de>
- 27) Re: Different Super Pro 600 types...
by Al Klase <skywaves@bw.webex.net>

Message-ID: <356E40C0.E0476C03@groupone.net>
Date: Thu, 28 May 1998 21:59:45 -0700
From: Dan Arney <kn6di@groupone.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: foam-in-place packaging Loong!!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is long winded but it lays it on the line.

Jan I have covered this on BA's before. Here goes again. I have been in the professional packing/shipping business for 18 years and have used FIM for 17 yrs. FIRST and not to be forgotton, it should not be used for HEAVY BA's 99% of FIM is at a density of .40 pounds per cubic foot. That is point 40. To meet the ups ctiteria for shipping they require 2" on all sides. 2" of FIM will not recover its thickness with a 60# item in a std RSC box from the UPS conveyor DROP of 32", and not withstanding the throwing into and out of the truck and at the sort. You have to understand that UPS has no special handling in the tariff. The union contract also prevents them from holding any of the union employees responsible for damage PERIOD.

On to the meat of it. For a HVY BA with a yellow over 70# label on the package it is not supposed to be placed on the conveyor, but to be handled with a hand truck or manually. DO NOT hold your breath. they take up to 150#'s. I also cut and fabricate foam EPS, beadboard, styrofoam wharever you want to call it but it is the foam they make coffee cups out of. We also use

polyethelene, Ethafoam. Olinfoam which has 2# density and great memory capability. But very expensive. like \$1.30 or more per board foot plus cutting and fabricating. We use it for hi dollar electronics.

If you use 2" EPS (expanded polystyrene) on all sides, top/bottom in at least 200# test RSC(regular slotted carton) box, most units will survive. If you can pack the unit in a box then the foam in the outer box and stay inside the UPS size requirements of 130" length/girth, you have a pretty fair chance. I have shipped lots of them for myself and local hams and from out of town. You want to hear a grown man cry, then be close by when he is given the bill. I have never had a damage claim in shipping a BA. and have shipped a few 1000 computers all in FIM. Yep had a few claims.

The other alternative is to crate the heavier beasts and use ethafoam and ship 3-5 day deferred air which in a lot of cases to nearly all major cities is cheaper than motor freight.

FedEX ships anything you can get in a airplane to anywhere in the world through the Heavy freight tariff. over 150#

In most cases I can ship 3-5 day from LAX for about 85cents a pound plus documents plus residential/liftgate and offline charges. I have seen guys here say they have paid up to \$3.50 pound for domestic. I will do that for anybody in the country and for overnight delivery and laugh all the way to the bank.

As far as UPS doing FIM packing or any kind of packing. I have checked with UPS and nobody has ever heard of them doing it. I have sent Email to a few on the list asking them what UPS office they went too. Two replies said it was to a referral place, like mine which 3 sorts send me several weekly. They get nothing out of it except the UPS charges which they can ship from my place. Mail box ETC's sends lots of people to me and they are 29% owned by UPS. I would be very interested in being advised of any UPS facility that does FIM packing on premises. I have never had a positive reply.

I make up boxes with foam and send them either fully assembled or knocked down. they still get charged for 30# due to they are more than 84" L/G. I send instructions and 70# labels with kraft reinforced tape cut to size. with instructions to remove and wrap all tubes or to pack them with bubble wrap or wadded newspaper.

DO NO USE PEANUTS IT GETS INTO EVERYTHING. Also it allows the unit to shift around.. FYI any TV or monitors must be verified they are working prior to shipping or UPS will not pay a damage claim. Been there done that.

If anyone has questions please email me direct. And please let's not start a long winded thread that goes for ever. It is pretty cut and dried.

Thanks,
Hank KN6DI

dma@islandnet.com wrote:

> At 01:50 PM 5/27/98 -0500, Bill Hawkins wrote:
> >People on this list have praised foam-in-place packaging for shipping
> >boatanchors.
>
> >Can someone tell me more about foam-in-place? Did I really hear that
> >UPS offers it at some customer counters? .

Message-ID: <356E7D44.837420F4@bwab.se>
Date: Fri, 29 May 1998 11:17:56 +0200
From: Bengt Wilander <bkh@bwab.se>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Grimeton adventure
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi to all friends of the Grimeton transmission.

Good to hear that signals from SAQ was heard in US, at least Al Klase reported hearing the sigs at the 1500Z transmission.

The message at 0900Z and at 1500Z transmissions was the same and it was repeated once.

On the 0900Z transmission, the message started at 090538 with cq de SAQ =. The end of part one was at 092100Z followed by the repeat that ended at 093600 with AR SK.

>From 093621 to 093635 there were some keying with the manual keyer, some V:s and some long dashes. Probably what Al Klase heard as three long dashes.

The 1500Z transmission started 145937 with the end of part one at 151448. End of part 2 at 153006. The final SK after some manual keying was at 153045.

The message sent:

cq de SAQ =
once again the gentle voice of the Grimeton radio station is heard on 17.2 kHz.

The reason is that the building with its huge antenna array has been awarded the prize of industrial monument of 1997.

The prize is being awarded today may 28th
by Karin Starrin the governor of Halland
county.

The Swedish industrial monument association
motivates its choice by saying that even a
radio station is part of our cultural heritage.

The radio station at Grimeton has also been
declared a historic property and is protected
under the Swedish cultural heritage act.

Grimeton was built between 1922 and 1924 with
the aim of improving wireless communications
between Sweden and the United States.

It was fitted with transmitting equipment
invented by one of the great pioneers of radio
engineering swedishborn Ernst Alexandersson.

Of the about twenty Alexandersson-system
transmitter plants that once formed a global
network only the Grimeton station remains
and is still going strong.

In addition to preserving this unique station
plans are well advanced to develop Grimeton
into an international radio science center.

To days prize-awarding ceremony includes an
international conference which will be a major
step in that direction.

AR SK

I was copying the signals from SAQ although my
equipment for these frequencies is rather simple
and the static level was high.
My qth is about 280 kilometers (450 miles) south
of Grimeton and pretty much off beam of their
antenna.

73 de Bengt Wilander bkh@bwab.se

Message-ID: <356EBFB0.5AA0@lobo.net>
Date: Fri, 29 May 1998 07:01:26 -0700

From: "Herbert M. Rosenthal" <herbrose@lobo.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Foam-In-Place..
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some of the foam expansives are urea-based, I believe, and their vapors are not exactly what one should be inhaling. Seems to me there was a stink (ahem) about this material being used for wall insulation on mobile/motor homes a while back..people becoming ill months after they bought their new homes. I don't know how this ended..or whether the packing foam is an entirely different substance.

Home Base, Builders Square, et al, sell cans of this foam stuff for several applications. Seems that the cans have a warning about the danger of prolonged breathing the fumes...

Will defer to the chemist-in-residence, but thought I'd toss this out in case any of you considered experimenting with a can from the hardware store.

Herb Rosenthal W5AN

From: MNHopkins@aol.com
Message-ID: <6ca2fd75.356eb8e4@aol.com>
Date: Fri, 29 May 1998 09:32:18 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: AM to CW = smoke??
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I am asked this morning how to put a classic 6M AM tcvr on CW for the burst of sunspots. The RX is easy, said I, just regenerate the IF as per any of the older handbooks or Understanding Amateur Radio's section on the Commnad Set RX. any method that sends part of the plate circuit back to the grid will produce a beat note.

But what of the TX? Of course we will put a normally closed phone plug in the cathode of the final amp and be wary of the resultant voltage in such a jack leg conversion, but what precaution is appropriate for the modulatin transformer? do we ground the beast or open it? I don't know.

I know there are uptown ways to do both these things. I have a published CW mod for the Tecraft 220 TX even, and both my ICM STP-50 and Lafayette he-45 have grid block keying. One can also introduce a 455 signal to the IF for a BFO or, with a 1650 IF, just tune a transistor broadcast radio to about 1200

and use the resultant L0 in the transistor set (455+1200=1650+/-). But this person wants quick and dirty. I think that a good goal, but not at expense of the modulation transformer.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Message-ID: <356EBC59.159E9AFC@hpcmmp13.sj.hp.com>
Date: Fri, 29 May 1998 06:47:05 -0700
From: Mikhael Brown <mikhael@hpcmmp13.sj.hp.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 6 Meters on Vintage Field Day?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I will be operating on 6 meters FM at 50.5 from an RT-68 in the SF Bay area for the Vintage Field Day. If there will be any others on 6 Meters, let me know.

73's

Mike

--

This is a private opinion or statement and not of my employer.
Mikhael Brown, N6WIG
email: mikhael_brown@hp.com

From: "Jense, G.J. 446/3H06/2-5" <jeng2@fel.tno.nl>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 29 May 1998 16:05:11 MET-1DST
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Need AN/ARN-6 radio compass bits and pieces
Message-ID: <12493E3636A@fel3.fel.tno.nl>

BAfficionados,

in return for a small service to a friend (actually I delivered a complete 34GHz ship's radar set that was lying around unused in the storage vaults of our laboratory to someone who was interested in

restoring it) I have come in the possession of a nearly complete AN/ARN-6 aircraft radio compass. What I have is:

- an R-101 receiver
- a C-149A control box
- an MT-275 mounting for the control box
- a bowden cable (type number ???)
- an AS-313B loop antenna
- a CU-65 sense antenna
- an ID-91A (navigator's) indicator

What I'm still looking for are:

- a manual, preferably original, but a good quality copy is also OK
- the shock mount for the R-101 receiver
- a pilot's indicator (type number ID-81?)
- all of the round 3-, 4-, and 7-pin female connectors to interconnect the receiver, loop antenna, and indicator(s).

Can anyone help? Thanks in advance for any pointers.

-- Hans

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+-----+
| Dr. G. J. (Hans) Jense |
|                           |
| Head, Simulators Group  |
| TNO Physics and Electronics Laboratory |
| P.O. Box 96864          |
| 2509 JG The Hague, The Netherlands |
| Phone   +31 70 374 0024 |
| Fax     +31 70 374 0652 |
| E-mail  jense@fel.tno.nl |
| URL     http://www.tno.nl/instit/fel/ |
+-----+
```

Message-Id: <3.0.3.32.19980529091223.00e5b500@terracom.net>

Date: Fri, 29 May 1998 09:12:23 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: "Terry O'Laughlin" <terryo@wort-fm.terracom.net>

Subject: Rack slides for sale

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I have NIB General Devices "Chassis Trak" rack slide rails for sale. They come with the hardware necessary for mounting them in a rack cabinet. They are rated for 85 lbs and will handle most boatanchors.

I have two cases of the following:

C-300-S-109 - These are 9" long. They can handle an R-390. If you mount the front edge of the slide 1" behind the front panel of the R-390, they will lock when the front panel is 10" out from the rack. The back four inches of the R-390 will be in the rack, but the radio can be removed from the rack by pushing the lock buttons and pulling the R-390 forward.

The only downside is that the rear end of these rails must be mounted on the side walls of the rack, using spacers to match your rack. They are not long enough to reach from the front to the back of a typical rack cabinet.

I have about 40 boxes of these, \$8 per box (one radio) plus shipping. The shipping will cost \$5.50 per box for most of the US, \$7.00 to ship to either the East or West Coast.

I also have one loose, unboxed pair (one radio) of C-300-S-120 for \$10 plus shipping. These are 20" long. Shipping will be \$7.00, anywhere in th US.

73 Terry O' WB9GVB

From: GIBSON@ASTRA.LBL.GOV
Date: Fri, 29 May 1998 9:02:46 -0700
To: Old Tube Radios <boatanchors@theporch.com>
Message-Id: <980529090246.20600b38@ASTRA.LBL.GOV>
Subject: Grimton seekers.

If you plan to look for Grimeton on 17.2 kcs next May, then now is the time to tune-up your antenna, receiver, and site. Start by trying to receive GBR Rugby, England, on 16 kcs. It is roughly the same distance and direction from the States but is on the air continuously.

GBR will have a much stronger signal so you will want to rceive GBR well to stand a snowball's chance of hearing Grimeton

John Gibson.

Message-ID: <356EE13F.FE82C4D9@bw.webex.net>
Date: Fri, 29 May 1998 12:24:31 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Grimton seekers.

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

Do you have any further info on GBR? Modulation etc.? I have been unable to detect them, even though I was able to dig SAQ out of the noise. There was even speculation that they had moved to 60KC.

73,
Al

GIBSON@ASTRA.LBL.GOV wrote:

>
> If you plan to look for Grimeton on 17.2 kcs next May, then now is the
> time to tune-up your antenna, receiver, and site. Start by trying to receive
> GBR Rugby, England, on 16 kcs. It is roughly the same distance and direction
> from the States but is on the air continuously.
> GBR will have a much stronger signal so you will want to receive GBR well
> to stand a snowball's chance of hearing Grimeton
>
> John Gibson.

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Date: Fri, 29 May 1998 09:42:23 -0700 (PDT)
Message-Id: <199805291642.JAA24412@rubens.artisan.calpoly.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: David Ragsdale <doragsda@polymail.cpunix.calpoly.edu>
Subject: FS: MD-7 / ARC-5 Modulator

Hi gang,

I have a MD-7 / ARC-5 modulator for the command set transmitters. This one is in very good condition, with all tubes, but does NOT have a dynomotor (I'm keeping the dyno for my BC-456B, so if you have a DM-33 and want to swap for the DY-8, let me know). Paint has a very few very small flecks out of it, but these are very easy touch-ups. Rubber on dyno mounts is excellent. This is a really nice unit.

Asking \$70.00 plus shipping from zip 93401 (probably \$10 - 12 across country).

73
Dave
KF6BOM

David Ragsdale
doragsda@polymail.calpoly.edu

Message-Id: <199805291645.MAA12113@owl.INS.CWRU.Edu>
Date: Fri, 29 May 1998 12:45:40 -0400 (EDT)
From: gcr2@po.CWRU.Edu (George C. Rybicki)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Schematic for 75A2

Can any make me a copy of the schematic for the later version of the Collins 75A2 receiver, the model with the 6ba7 converters. I have the older schematic with the 6be6's and the small differences are driving me batty. Alternately a 75A3 schematic would be second best. I guess there was soem discussion of this change recently any personal email with a synopsis of the history of the 75a2 changes would be appreciated. Tnx and 73 George

Message-ID: <001e01bd8b26\$7d22e960\$4fa10b9e@mils179.monmouth.army.mil>
From: "Mike Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <n4fs@monmouth.com>
Subject: Re: MD-7 / ARC-5 Modulator
Date: Fri, 29 May 1998 13:23:14 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave -

I would like the MD-7 if it is still available. Also I think I have a DY-8 to trade for the DM-33. 73 - Mike

Mike Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

-----Original Message-----

From: David Ragsdale <doragsda@polymail.cpunix.calpoly.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Friday, May 29, 1998 12:42 PM
Subject: FS: MD-7 / ARC-5 Modulator

>Hi gang,
>
>I have a MD-7 / ARC-5 modulator for the command set transmitters. This one
>is in very good condition, with all tubes, but does NOT have a dynomotor
>(I'm keeping the dyno for my BC-456B, so if you have a DM-33 and want to
>swap for the DY-8, let me know). Paint has a very few very small flecks
>out
>of it, but these are very easy touch-ups. Rubber on dyno mounts is
>excellent. This is a really nice unit.
>
>Asking \$70.00 plus shipping from zip 93401 (probably \$10 - 12 across
>country).
>
>73
>Dave
>KF6BOM
>
>David Ragsdale
>doragsda@polymail.calpoly.edu
>
>

Date: Fri, 29 May 1998 14:15:43 -0400
From: BEN NOCK <G4BXD@compuserve.com>
Subject: BC-611 cases wanted
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199805291416_MC2-3E96-B046@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

I am looking for two BC-611 cases. They do not
need to have the tops, or bottoms, or the mic/phone covers, =
or an id lable, but any of the above would be a plus of course.

cheers, Ben G4BXD

Military Radio Collector, Historian, Operator
Member: MWARS, SRS, RSGB, WWII His Soc,

"tempora mutantur, nos et mutamur in illis"

but =

"volo, non valeo !!"

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Billy Wiggins <bwiggg@worldnet.att.net>
Subject: Carbon mike repair??
Message-Id: <19980529192731.CTKP24685@BWIGG>
Date: Fri, 29 May 1998 19:27:31 +0000

Hello to all,

I have several H-33 handsets that have low distorted audio because of bad carbon mike elements. I tried lightly taping them and that seemed to help a little. I heard that the carbon grains get stuck together Is they anyway to get these oldies back up to snuff.

thanks,

Billy

Message-ID: <356F25F6.7D6B1914@sprynet.com>
Date: Fri, 29 May 1998 15:17:42 -0600
From: Steve Lords <sklords@sprynet.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 3-500 quality
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

i am planning on purchasing a pair of 3-500 tubes
for my sb-220
the problem is,,dont know what brand to buy
i do know it is good to get a matched pair if possible
any suggestion on what to look for when buying
and what brands to buy and which to stay away from??
thanks
steve
wa7isl :)

Message-ID: <356F26DB.7FD9C11D@sprynet.com>
Date: Fri, 29 May 1998 15:21:31 -0600
From: Steve Lords <sklords@sprynet.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: need capacitors
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Arden

i assumed that most power supplies need some type
of bleeder on the output??

thanks

steve

wa7isl :)

Arden Allen wrote:

> Steve and all;

>

> snip

>

> One hundred ohms per volt sounds like the way to calculate power supply
> bleeder/equalizer resistors. Does your PS need to bleed?

>

> Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Date: Fri, 29 May 1998 17:09:04 -0500 (CDT)
From: Bill Hawkins <bill@iaxs.net>
Message-Id: <199805292209.RAA03420@citrus.iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: UPS and foam packing

Went to the Minneapolis UPS depot today with three 22 pound 'scopes.
On one side of the room was a machine labelled AccuPak. I put the
scopes on the counter, with address labels and UPS shipping tickets,
and the guy said, "Fine, that's all we need to ring you up." (calculate
the charges, that is.) Charged \$15 for extra large, plus boxes, to
do all three. The scopes were about 8x12x16. What he did was cut
the box to resize it, then punch in some numbers on the machine
(probably dimensions). The machine spit out a flat plastic bag with
the unexpanded foam in it. Expansion started as he took the sheet
from the machine and lay it in the box. He took a scope and pushed

it down on the bag, and the foaming bag ran up partway alongside the scope. He said it looked too thin, so he got another bag from the machine and put that underneath the scope. That's all he was willing to show me, though. He'd finish them later. I asked if there was a weight limit for this process. He said it worked fine for 70 pound boxes. I'm not so sure, because I've had both good and bad experiences with R-390's shipped in foam.

I wrapped the scopes in plastic bags to keep the foam out. One of the foam bags popped a corner and let out some foam, but the process generally keeps the foam away from the package.

I told him I hadn't had much luck with the 800 number in trying to find out who could do foaming. He grinned a wry grin and said that the machine was pretty new. One of the other counter people said something that led me to believe the 800 number folks aren't gonna know enough about stuff like this. I had to go to a local UPS office first. That lady called around and found that Minneapolis had it. Ron told me he had good luck writing email to customer.service@ups.com.

I had to drive 18 miles to get foam, but I think it was worth it. Your mileage may vary.

Regards,
Bill Hawkins

P.S. VersaPak is a trademark of a plastic container company. Not UPS.

Message-ID: <356F54CD.E1836D8B@groupone.net>
Date: Fri, 29 May 1998 17:37:33 -0700
From: Dan Arney <kn6di@groupone.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: foam-in-place packaging
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well I have now received 3 postive replies that UPS is doing FIP not FIM as MY big finger said.. I guess I will have to eat a little crow(foam) Hi. In reality I am having microwave buttered popcorn while typing. Guess we can get on with something else.

Thanks,
Hank KN6DI

Bruce Muscolino wrote:

> Back in 1978 I accepted an assignment to live and work in The Netherlands.
> I obtained a Dutch reciprocal license (PA3AIC) and asked my employer to ship
> seven boxes of ham gear to my new office. It was all shipped "foamed in
> place" and it all arrived safely. In fact I saved the boxes and used them
> to return the gear when I came home.
>
> Seems to me the method they used was to spray some expanding polyurethane
> foam into the bottom of the box to get a base. then they wrapped the unit
> in a heavy duty plastic sheet and placed that on top of the base. they
> foamed again around the unit until they were up to the top. Then another
> piece of plastic sheeting was laid over the unit and foam walls and more
> foam added to make a top. The box was then sealed and shipped.
>
> It seems to me that places like McMaster-Carr sell expanding foam. Combine
> that with a box and some plastic sheet and you have the basis for an
> experiment! McMastrer-Carr is an industrial size industrial supply company
> that sells everything from brooms to sweep the floors to flooring material
> so yu can have floors to sweep! No affiliation -- just a long time
> satisfied customer.
>
> No guarantees, and be sure you seal the plastic sheet around the unit very
> well as expanding foam is good at getting into crevices. BTW, I also seem
> to remember that the foam stuff wasn't too expensive, but my McM catalog is
> at work and i'm not, right now!
>
> 73

Message-Id: <3.0.5.32.19980529193633.008b3970@mail1.telalink.net>
Date: Fri, 29 May 1998 19:36:33 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <badger@telalink.net>
Subject: Re: UPS clue free 800# :-)
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:09 PM 05/29/1998 -0500, bill wrote:

>I told him I hadn't had much luck with the 800 number in trying to
>find out who could do foaming. He grinned a wry grin and said that
>the machine was pretty new. One of the other counter people said
>something that led me to believe the 800 number folks aren't gonna
>know enough about stuff like this. I had to go to a local UPS
>office first. That lady called around and found that Minneapolis

>had it. Ron told me he had good luck writing email to
>customer.service@ups.com.

Could be worse. The folks at the 800 number show no UPS location
in Nashville, TN other than the hub! I have been going to the customer
counter for years, but according to the folks at UPS's 800 number --
AND local 411, the customer counter doesn't exist....

I know it DOES exist, I just shipped a large box from there not 4 hours
ago.

Go figure.

73

Tom

Message-Id: <3.0.5.32.19980529204044.00808370@mail1.telalink.net>
Date: Fri, 29 May 1998 20:40:44 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <badger@telalink.net>
Subject: Stranded BA in Alberta.....
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Help. I am negotiating the purchase of an RCA AR-88LF from a gent
in Alberta, but apparently UPS wants an arm and a leg to send it from
there to Nashville. Anyone know of any other suggestions to get it here?
According to the local Greyhound depot up there they "don't go as far south"
as Nashville, so apparently that route is out. (odd, since we have a
Greyhound
Bus depot here...)

Anyone willing to be a go between to help a poor pitiful little BA on its
merry
way to Tennessee???

If a way is not found in about a month, the guy is gonna strip it for parts!!!
Yep. That's what I said.

And please email me with any comments or suggestions.

73

Tom

Message-Id: <199805300214.VAA00582@sco.theporch.com>
Date: Fri, 29 May 1998 22:13:24 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Glenn Finerman <glennfin@mjet.com>
Subject: BARA Hamfest
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just a reminder to list members within driving distance of
Northern New Jersey...

Next weekend, Saturday June 6th, The Bergen Amateur Radio
Association is holding it's annual outdoor Spring Hamfest.
This has traditionally been a GREAT hamfest for Boatanchors!!!
Lots of parts, lots of tubes, lots of big heavy iron (and steel).
I'll be looking out for all you glowbuggers and Anchorites...

I will be set up as a seller by 6am the latest.....
(red Jeep Wrangler, Collins T-shirt) but I'll be taking a break
at 8am for about an hour to take my Extra exam, then back to
the parking lot for more BA fun! I will have my Digital Camera
with me to capture the moment. John has agreed to display
the digi-pics on the Boatanchors Web Page following the event.

Details;

Saturday June 6th 8am till 2pm (sellers setup starting at 6am)
Fairleigh Dickinson University in Teaneck, NJ located on Rt 4
near Rt 17. Talk-in on 146.790 (-600)
For information call Jim Joyce at 201-664-6725 or
E-mail to = jjjoyce@cybernex.com

Hope to see you there!! Please stop by and say hello!

and if you can't make it, check out the hamfest photo's
on the Boatanchors Web Page

73.....Glenn NA2DX

Date: Fri, 29 May 1998 22:16:36 -0400 (EDT)
Message-Id: <1.5.4.16.19980529091938.28e74558@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: "David L. Thompson" <thompson@mindspring.com>
Subject: A mountain of e-mail

Just back from my trip to Florida. Spent an interesting 3 hours with Frank W4AMJ the father of the Hammarlund HC-10/SPC-10. Some of the stories he related really cover not only Hammarlund, but Lafayette, Manhattan Electric Supply, Transformer Corp, Hazeltine etc. Frank is one of the few left who have extensive industry knowledge from the mid 20's to 1970. He worked for Lloyd Hammarlund and attended Hugo Gernsback's funeral. More on this later!

Went by to see Larry Ware in Orlando and a spent a dinner with a guy who made modifications to 75A4s an art.

Sure was fun, but 1300 miles of driving and I am tired.

Oh..BTW I have 675 e-mail messages. Please be patient..I reply to everyone over the weekend.

Dave K4JRB
thompson@mindspring.com

Date: Fri, 29 May 1998 22:29:15 -0400 (EDT)
Message-Id: <1.5.4.16.19980529093217.28e760dc@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Different Super Pro 600 types...

While I read thru my e-mail mountain I did want to drop in one note about the Super Pro 600. In my discussion with Frank Lester W4AMJ (EX W2AMJ) he said there were 214 different variations of the hammarlund Super Pro 600 and this does not include the Hallicrafters SX-73 version! Thats why there were so many extensions. The most common was the SP600JX series. They were made from 1950 or 51 to 1972. Every version not made by Hammarlund was reviewed to assure it met the Hammarlund specs. He thinks there were at least 12 firms that had part of the SP600 contract.

Why do we see so few of the variations? Larry Ware noticed this with his nationals (HR0 and NC240)...many were used for FBI and CIA uses. Many more of the later SP600's were dumped in the bays in Viet nam along with KWM2's et al.

214 different models.....any other piece of gear even close???

Dave K4JRB

From: Kargokult@aol.com

Message-ID: <1ff89cae.356f9db5@aol.com>
Date: Sat, 30 May 1998 01:48:36 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: Different Super Pro 600 types...
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-05-29 22:30:34 EDT,
thompson@mindspring.com writes:

> In my discussion with Frank Lester W4AMJ (EX W2AMJ)
> he said there were 214 different variations of the hammarlund
> Super Pro 600
> and this does not include the Hallicrafters SX-73 version!

---could someone give the selling price for this receiver at start and
finish? i would find this very intereting information.
tnx, hue miller

From: Kargokult@aol.com
Message-ID: <b6aacf45.356fa064@aol.com>
Date: Sat, 30 May 1998 02:00:03 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: RT-19 AN/ARC-4 and T-23
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I saw an ARC-4, or the civvy equivalent, with a meter on the front panel
where the arc-4 only has the round outline. It did a lot for the front panel
looks.

also, since some 'command sets' were painted and some not, i am
wondering what might be a rationale for painting them at all. surely
they were considered mostly as war expendibles, with little need for
the vast quantities when the war finally ended, so they didn't have to
be built to last forever. if the plain alu could be sprayed
with some corrosion resistant, like MFP spray, why not just do that?
tnx, hue miller

Message-ID: <356F1733.366@metronet.de>
Date: Fri, 29 May 1998 22:14:43 +0200
From: Heinz und Hannelore Breuer <hbreuer@metronet.de>
MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: UPS foam-in-place: Where?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Maybe we can start a listing which UPS outlet offers foam-in-place.
I shipped several boatanchors from this outlet:

1250 Hammerwood Court, Sunnyvale, CA (25 miles south of San Francisco)

73
Heinz - KF6FNC

Message-ID: <356FAAA8.4D91EAD6@bw.webex.net>
Date: Sat, 30 May 1998 02:43:52 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Different Super Pro 600 types...
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The 1948 ARRL handbook shows a drawing of the "Series 600 Super-Pro" and a \$395 Net price for "SPC-600-X receiver (Table Model) with PM Speaker and Speaker Cabinet" BTW, Halli. SX-42 is \$275, Collins 75A is \$375, and National HRO-7 is \$358.50 in the same book.

73,
Al

Kargokult@aol.com wrote:

>
> In a message dated 98-05-29 22:30:34 EDT,
> thompson@mindspring.com writes:
>
> > In my discussion with Frank Lester W4AMJ (EX W2AMJ)
> > he said there were 214 different variations of the hammarlund
> > Super Pro 600
> > and this does not include the Hallicrafters SX-73 version!
>
> ---could someone give the selling price for this receiver at start and
> finish? i would find this very intereting information.
> tnx, hue miller

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

End of BOATANCHORS Digest 2073

>From ???@??? Sun May 31 05:32:12 1998
Message-Id: <199805302108.QAA12843@sco.theporch.com>
Date: Sat, 30 May 1998 16:06:21 CDT
Subject: BOATANCHORS digest 2074

BOATANCHORS Digest 2074

Topics covered in this issue include:

- 1) Thoreau and Harvey Wells
by MNHopkins@aol.com
- 2) Re: Foam-In-Place.
by DCrespy@aol.com
- 3) R1151/SP600 Manual
by ALanger394@aol.com
- 4) Re: Thoreau and Harvey-Wells
by MODSTEPH@ACS.EKU.EDU
- 5) junk for parts, or treasure?
by Al Parker <anchor@coastalnet.com>
- 6) Re: UPS foam-in-place: Where?
by Al Parker <anchor@coastalnet.com>
- 7) Re: Help please: Invader 2000
by "David L. Thompson" <thompson@mindspring.com>
- 8) RAK for sale
by Bob Roehrig <broehrig@admin.aurora.edu>
- 9) Re: Help please: Invader 2000
by Bob Roehrig <broehrig@admin.aurora.edu>
- 10) Re: BOATANCHORS digest 2073
by Kevin Gallagher <wire2liv@gomontana.com>
- 11) Need Henry 2K dc filter choke
by "Lane C. Zeitler" <km3g@cts.com>
- 12) FS: 19th ed. Radio Handbook
by Avery Comarow <acomarow@USNEWS.COM>
- 13) Brand new junk
by "Arden Allen" <gumbear@pacbell.net>
- 14) Re: ARC-1, ARC-4
by Kargokult@aol.com

- 15) Need GRA-71 parts and data.
by Al Klase <skywaves@bw.webex.net>
- 16) Re: Brand new junk
by "Roberta J. Barmore" <rbarmore@indy.net>
- 17) more Thunderbolt
by Bob Roehrig <broehrig@admin.aurora.edu>
- 18) Anyone familiar with HT-9
by john <johnmb@mindspring.com>
- 19) FWD: RT-19 AN/ARC-4 & such
by Kargokult@aol.com
- 20) Re: "ATR boxes"
by Kargokult@aol.com
- 21) Shipping to and From Canada / USA
by "John K9UWA" <k9uwa@cris.com>
- 22) Re: 450-465 rocks & filters
by Kargokult@aol.com
- 23) Re: Different Super Pro 600 types...
by Kargokult@aol.com
- 24) Need value of Stancor choke
by "Lane C. Zeitler" <km3g@cts.com>
- 25) Re: junk for parts, live/die?
by Kargokult@aol.com
- 26) WTD: Manual for Morrow CM-1
by JONWEINER@aol.com

From: MNHopkins@aol.com
Message-ID: <97ac2327.356fd0b3@aol.com>
Date: Sat, 30 May 1998 05:26:09 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Cc: hotmilk@juno.com, wa5vjb@cq.net
Mime-Version: 1.0
Subject: Thoreau and Harvey Wells
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

A pal of mine is sacking up most of his station to sell at Dallas' HamCom next week. It seems he just got one of these Icom 706 MK IIs and worked a W2 on 2M Es from his car. "Think of all the rigs I can get rid of now," he remonstrated. I was silent, but I am going to call him up and suggest he buy one more. He needs a Harvey Wells Bandmaster.

"Simplify, Simplify," counseled Henry David Thoreau. My pal has one of these \$1300 UHF RXs that starts at 25mc and a DBM/VFO setup to allow coverage down to DC, so all he really needs is a versatile TX, and a Bandmaster is that, if nothing else. One Sixty thru 2M with a single 807 and a pair of audio tubes driving it is the claim of the TBS series. I never knew how they got 144mc out of a tube that quit at 60, but maybe a tube "pinches off" slower than a

transistor. Inside there are a bunch of mechanical things, but they are easy to work on compared to "fixing" a neighbor's scanner so it will hear phone calls by moving a surface mount cap. My pal is a technocrat so he could keep a Bandmaster going and, surely, there is at least one P-109 vibrator supply left around for mobile. They cannot all have gone to military misers.

So take the Icom too, old friend: that "does everything" plateau was reached about when Ike ran the first time.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

From: DCrespy@aol.com
Message-ID: <e4fa0178.356fef90@aol.com>
Date: Sat, 30 May 1998 07:37:51 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Subject: Re: Foam-In-Place.
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Herb, You wrote to BA:

<<Some of the foam expansives are urea-based, I believe, and their vapors are not exactly what one should be inhaling.

Home Base, Builders Square, et al, sell cans of this foam stuff for several applications. Seems that the cans have a warning about the danger of prolonged breathing the fumes...

Will defer to the chemist-in-residence, but thought I'd toss this out in case any of you considered experimenting with a can from the hardware store.

Herb Rosenthal W5AN

>>

Herb, and the BA list:

While I am not a chemist, I have been directly involved in Urethane Foam operations for one of the worlds largest users of this material for the last year or so. The dangerous fumes released are isocyanates. They are released

only during the foaming process and are completely gone after the foam has cured. We monitor our plants to the PPB level and detectable levels are not present (less than 1 part per billion) around cured foam.

When you sit in any car, you are surrounded by pounds of this stuff. It is in the seats (a lot), in the dashboard, in the door panels and in the headliner. The carpet underlayment (this is how we recycle scrap), and mattresses in your home are made of the stuff. Soles of sneakers are made from it! Bottom line.. for foam in place, for occasssional use, don't worry about it.. just don't stick your head in the bag while it is foaming!

(Herb: I need to figure out how to get home to Albuquerque again soon !.. Thanks again for the Surplus City tip last winter!!)

Harry KG5LO
Saline MI

From: ALanger394@aol.com
Message-ID: <1199bf3d.356fff12@aol.com>
Date: Sat, 30 May 1998 08:44:01 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Cc: ALanger394@aol.com
Mime-Version: 1.0
Subject: R1151/SP600 Manual
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi All

I am posting this request for a friend who is not on the net at all

He has pickedup a solidstate version of a SP600

It retains the 600 front end and tuning mechanism but from then on its all solid state

He has been told that the units were used in vietnam

Please can any one help with info or better still a manual

All cost gladly refunded

Regards

Allan

G6EII

From: MODSTEPH@ACS.EKU.EDU
Date: Sat, 30 May 1998 09:51:09 -0400 (EDT)
Subject: Re: Thoreau and Harvey-Wells
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <01IXN10WB4EQ00UGZ2@ACS.EKU.EDU>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Michael in Dallas wrote:

>>> One Sixty thru 2M with a single 807 and a pair of audio tubes driving it is the claim of the TBS series. I never knew how they got 144mc out of a tube that quit at 60, but maybe a tube "pinches off" slower than a transistor. Inside there are a bunch of mechanical things,<<< ...speaking of the Harvey-Wells Bandmaster. One minor correction: unmodified it did NOT cover 160, but did go 80 thru 2. That does include 11 meters though....

It puts out a solid signal down thru 6 meters (two 6AQ5's to an 807 RF; plate modulation by two 6L6's, additional pre-amp for xtal or high impedance mike on deluxe models), but the 807, NOT designed to go much over 60 MHz as you point out, has to double to put the thing on 2 meters.

Back in my high school days ('50's) it was a regular radio club project (Sangamon Valley Radio Club, Springfield, Illinois) to try to put one on 2 meters any time any club member got one. Since my first xmtr was the TBS-50C which fell into their hands since it was not working when I got it and my technical expertise on repair was about zero as a new novice (KN9KHU), they did get mine on two. By the book, though, do not expect over a couple of watss max - and to tune on two you use a neon bulb on the antenna and tune for brightness. It sure put out a solid signal on 6 though, the band-of-choice for local mobile at that time (no - not mine. Mother would not allow it in the car). Since I held Technician at the same time, I would go on the novice HF bands until about "goin' home" time, then switch up to 6 meters, drop the "N" from the call and talk with the mobile guys.

Which reminds me of another story about getting into the house VERY late one night/morning when I had been inadvertently locked out (we did not regularly carry house keys bvacck then/there). Rather than wake Mother - a definite "no-no" - I climbed the TV tower to get on the "top" roof, snugged the coax to the 6 meter beam around a chimney

and lowered myself onto the front porch roof - from thence into my bedroom thru the window which was slightly ajar to - of course - let the feed lines out.....

73, Al N5AIT
modsteph@acs.eku.edu

Message-Id: <3.0.5.32.19980530091551.007ba6e0@mail1.coastalnet.com>
Date: Sat, 30 May 1998 09:15:51 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Al Parker <anchor@coastalnet.com>
Subject: junk for parts, or treasure?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi guys,

Here's another "what is it?" post.

Last Sat. at the DurHamfest (NC) I hauled home the following. It was one of those end of the day "make an offer I don't wanta load it" deals. Once again, the guy who had it said he had a book on it at home, & will send it to me. Hope this guy is better than the last one. Haven't seen it yet, but I do have his address & fone. If the tubes are good, & the filter, I've got my money's worth - hi -.

Scientific Radio Systems, Inc, Rochester, NY;
front panel says SR206M SSB Transciever
Model SR-206MS; S/N B-5041
6 channels, 2 xtals installed in oven, 453.650 & 1953.650 kc;
3 - 6146's in final, 12BY7 driver, 12EK6 (mixer?);
the rest is Sand State;
Collins f-455 FD 19 mech filter;
plug-in boards, Freq. Gen., Options, IF/Audio, (not in place - Duplex Freq. Gen., FSK).
Meter has S-units & Rel. Pwr 0-150.
120v PS & spkr internal
It's in a nice case abt 17"w x 7" H x 18" dp, has control connector for Remote Ant. Tuner (too bad that wasn't incl)

on ch. 1, the final tank seems to resonate at 3.26mc. the guy said it was in some sort of govt use, fire or forest svc, I think, and was in the 3-4 mcs range, so that checks.

Haven't put power on it yet, guess I'll try. Who knows, maybe it'll make a fixed freq. 75m rig? maybe it's slightly "rubber-able", has clarifier adj.

73,
Al, W8UT

BOATANCHORS Enjoyed Here
anchor@coastalnet.com
New Bern, NC

Message-Id: <3.0.5.32.19980530083226.007ad840@mail1.coastalnet.com>
Date: Sat, 30 May 1998 08:32:26 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Al Parker <anchor@coastalnet.com>
Subject: Re: UPS foam-in-place: Where?
Cc: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm quite sure the UPS site in San Ramon, CA, near Livermore, had the ability to FIP.

I never used it, but saw the eqpt in a partitioned room off their customer svc area.

It's right off the I-680 freeway in San Ramon, on Norris Canyon Rd, I think. (I've moved & forget most of CA - hi -, except the Livermore Swap.) (& Napa)

Heinz- I don't know why they wouldn't use that for the HT-41 I sent you last Fall. They declined to pack it for me, (I wasn't able to do it myself) and Mailboxes charged an arm & a leg.

=====

5/29/98 , Heinz und Hannelore Breuer wrote:
>Maybe we can start a listing which UPS outlet offers foam-in-place.
>I shipped several boatanchors from this outlet:
>1250 Hammerwood Court, Sunnyvale, CA (25 miles south of San Francisco)
>
>
73,
Al, W8UT

BOATANCHORS Enjoyed Here
anchor@coastalnet.com
New Bern, NC

Date: Sat, 30 May 1998 11:16:18 -0400 (EDT)
Message-Id: <1.5.4.16.19980529221919.2f276596@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Re: Help please: Invader 2000

Ray W2EC said:

As for full >output, I've never been able to show more than 550 watts. I've swapped final >tubes several times, 4-400B's, 4-400A's and a couple military Eimac 8438's. >They all give the same power output. Static current has varied (based on what >tubes were in there) between 200ma and 315ma. A little orange glow at 315ma >but certainly not "hot". 460ma at 2100v cw is what gives me the 550 watts out.

The problem a reviewer pointed out at the time was the plate voltage was too low on the finals. He was able to get 900 W input which is about 550W output. One K8 modified the power supply for 3200V SSB and at 400ma peak he got more output (700W) and the rig ran more conservative.

Eimac tubes like at least 3000V and run best between 3500 and 3800V. The 4-1000 can be run at 4 to 5000V.

Guess they must have thought that this would cost too much in bigger plate components, and a bigger/more regulated PS (perhaps outboard).

Dave K4JRB

>
>73, Ray W2EC
>
>

Date: Sat, 30 May 1998 10:19:42 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RAK for sale
Message-ID: <Pine.ULT.3.96.980530101425.22144G-1000000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Today I went to the local American Science & surplus store to stock up on terminal strips. Still sitting on the shelf from a year ago was an RAK-5. This is the regen job that tunes 15-600 kHz. (Some of you may remember that this is the set that I used to own and loaned it to someone who never returned it - so in effect I was robbed - but I can't prove it to the store, of course). Anyway, I have no idea what they are asking for it. Just thought I'd pass it along if anyone living in the area of Geneva, IL. wants one.

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Sat, 30 May 1998 10:33:29 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Help please: Invader 2000
Message-ID: <Pine.ULT.3.96.980530102123.22144H-1000000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 30 May 1998, David L. Thompson wrote:

> The problem a reviewer pointed out at the time was the plate voltage was too
> low on the finals. One K8 modified the power supply for 3200V SSB and at
> 400ma peak he got more output (700W) and the rig ran more conservative.
>
> Eimac tubes like at least 3000V and run best between 3500 and 3800V. The
> 4-1000 can be run at 4 to 5000V.

I agree. All the BC transmitters I have operated had at least 3000 V on the plates. I modified my Johnson desk KW by adding an input filter cap ahead of the choke. The plate voltage increased to 3800V at idle, 3400V full load. I can tune it up to 600ma for about 2KW input, 1250 watts out as measured on the RF ammeter (5 amps into 50 ohms).

This is using a pair of 4-400A's.

I imagine were I to put the original 4-250's back in, I would have to reduce the plate voltage back to the original 2500.

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Message-ID: <357025CB.BA09359B@gomontana.com>
Date: Sat, 30 May 1998 09:29:15 -0600
From: Kevin Gallagher <wire2liv@gomontana.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BOATANCHORS digest 2073
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom, I have had several radio's shipped UPS out of Canada. The last was 50lbs and cost 66 canadian dollars.(44) US. Ups will also send you a

bill for 20 for customs clearance. Because the radios I bought were also priced in Canadian dollars, the extra ups was worth it. Good luck, Kevin

Message-ID: <008401bd8bf5\$bf5af6e0\$34ddd8cc@km3g.cts.com>
From: "Lane C. Zeitler" <km3g@cts.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need Henry 2K dc filter choke
Date: Sat, 30 May 1998 11:07:01 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0081_01BD8BBB.12098180"

This is a multi-part message in MIME format.

-----=_NextPart_000_0081_01BD8BBB.12098180
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Need the dc power supply filter choke used in the henry 2K amp. Rated =
17.6 HY @ 500mA CCS. I believe WVDC is around 3000 volts.=20

Lane
KM3G
San Diego

-----=_NextPart_000_0081_01BD8BBB.12098180
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
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<HEAD>

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http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.72.2106.6"' name=3DGENERATOR>
</HEAD>
<BODY bgColor=3D#ffffff>
<DIV>Need the dc power supply filter =
choke used in=20
the henry 2K amp. Rated 17.6 HY @ 500mA CCS. I believe WVDC is around =
3000=20
volts. </DIV>
<DIV> </DIV>
<DIV>Lane</DIV>

<DIV>KM3G</DIV>
<DIV>San Diego</DIV></BODY></HTML>

-----=_NextPart_000_0081_01BD8BBB.12098180--

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Avery Comarow <acomarow@USNEWS.COM>
Subject: FS: 19th ed. Radio Handbook
Date: Sat, 30 May 1998 14:03:11 -0400
Message-Id: <18031165600421@usnews.com>

Hard cover, no rips or tears, spine slightly faded, front is scuffed at lower right corner, page edges very slightly soiled in places, inside excellent. \$10 plus shipping from 20854.

Best, Avery W40GK

Message-Id: <199805301854.LAA15087@mail-gw5.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Brand new junk
Date: Sat, 30 May 1998 11:55:19 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Cathode followers;

Sometime back we had a thread going about 3 wire cords and messed up house wiring. Here's a case of how bad things can be right out of the box: Yesterday we received from Newark four new 72 inch long, 19 outlet power strips. No, they were not the Waber brand but instead the slightly cheaper Newark SPC house brand. It was only a few minutes after getting the first strip out of its box that we discovered an intermittent outlet. A quick check with a three light tester indicated that only one out the 19 on that strip was "defective" with an intermittently open "hot" (LINE) when the tester was wiggled in the outlet. That prompted us to inspect the remaining three strips. We found two more intermittent outlets in the group. Using my BA/hybrid (it has a vacuum flourescent display) calculator, that comes out to 4.1% of the outlets were intermittent. Going from alarmed to definitely annoyed we opened up one of the outlet strips by snipping off the heads of six pop rivets and to our astonishment viewed the most flimsy excuse for electrical wiring I've seen yet. At each outlet location the LINE and NEUTRAL wires (14 AWG solid copper) were "connected"

by a three fingered brass terminal, the middle finger was simply wrapped 90 degrees around the wire to hold it in place. In the case of each of the three intermittent connections the wire was loose and had easily observable free play within the encompassing brass finger arrangement. The rest of the connections showed no sign of indentation of the wire as if there was any appreciable force applied to form a sustained pressure contact. The safety ground (EARTH) wire connection was a different affair, the terminal was a dual fork that the wire was pressed down into as if it were an insulation displacement termination, the wire was bare solid copper. But irony of ironies, the ground wire was soldered to each of the outlet terminals. The outlets themselves were Eagle brand, with USA stamped on them, utilizing the chintziest looking single leaf contacts I've ever seen.

The power cord wires were properly soldered to the three buss wires and the grounding circuit was also connected to the case by soldering to a lug that was formed by punching out the hole for the Heyco clamp cord grip, that was done reasonably well. At the opposite end of the first strip we inspected, the hot wire that extended beyond the last outlet was unsuccessfully snipped off, instead, the cutters had just managed to nick the wire forcing the bitter end to come within 1/16 of an inch of the case metal. Examining the mounting of the rear cover we discovered that, because of the infrequent location of the rivets, it was easily possible to deform the rear cover and bring it into contact with the outlet terminals as there was no insulation backing inside the rear cover.

Monday, instead of messing with the three other strips, we will order the Waber products and return the SPC junk. It's just not worth the risk to endanger our company and its personnel to have this kind of unsafe garbage on the premises. NEWARK, GET YOUR ACT TOGETHER!!!

Let this be one more lesson for us, be SAFE,.....BE WARY.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

From: Kargokult@aol.com
Message-ID: <362bd096.35705b30@aol.com>
Date: Sat, 30 May 1998 15:17:03 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: ARC-1, ARC-4
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

a forward on this subject. (now that i think i have learned to forward from AOL without tons of header / trailer overhead - you reply, but change the "To:" address to the one you want.)

> When in the RAF, the "standard" VHF for (even) "V" Bombers
> was the TR-1986. If ya look at the ARC-1, to include the tuning
> mechanism, the two are almost identical! If one reads AP.1938
> (Air Publication) on familiarization with A/C radio, I believe that
> there was a TR-1934?? that was very close to the ARC-4's
> description. I wished I owned this A.P.....I had a copy when I
> was an apprentice in the RAF.....but haven't seen one since 1960!!

via hue miller

Message-ID: <35705DF0.25428913@bw.webex.net>
Date: Sat, 30 May 1998 15:28:48 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need GRA-71 parts and data.
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anchorites,

Just had the good fortune to snag a GRA-71 burst keyer. Does anyone have documentation, parts, or a junker set? So far I've discovered that the KY-468 keyer is missing its mainspring and possibly other small parts. Can someone at least tell me how many turns it should take to wind up? Then a clock maker may be able to help.

If I don't find documents, I'll do a writeup from the unit I have for the rest of you. This is a fairly amazing device.

I guess this now puts me in the market for a GRC-109 radio. I have a transmitter from the 109A but would like a complete system.

Any help appreciated,

73,

Al

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Date: Sat, 30 May 1998 14:40:49 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Brand new junk

Message-ID: <Pine.SUN.3.96.980530142159.25373C-100000@indy2>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Arden!

I am taking the liberty of CC'ing this to the list, as it is important. Other than the lack of an insulator on the back of the strip and *possibly* the quality of the outlets, you have described the inner construction of *all* such outlet strips!

I have *never* seen one from *any* mfr that had the line and neutral wires soldered (or under solid screw terminals), and most of them don't solder the grounds, either. The "three-fingered" connector you describe it the most common method. Open up your new "high quality" strips when they arrive, and you'll find the same; odds are they will have done a better job of mashing the contacts and trimming the wires, but it's still the same awful hardware.

You can solder them, and this is SOP at the TV station where I work when we have to use such things. However, it is far, far better to go the the corner hardware store and buy decent-quality outlets, quad boxes, plates, etc. and build up your own--and better still to wire them in permanently instead of using a plug and cord! ("Contractor grade" is the cheapest sort, better than what you'll find at the five and dime but not that great if you plug & unplug stuff much; "specification grade" is much better and costs but little more. "Hospital grade" isn't worth it--pretty much the same as spec grade but clear plastic so the nurses can see if they're full of yeeech).

Outlet strips in the US are sold for *temporary* use only, and they are *all* built in a decidedly temporary manner. While Jim Millen built and described the modern, single row of outlets in a metal box style strip in the the 1930s, present versions copy the look but not the quality. They are not to be trusted! (How bad are they? When we did the big rebuilding at the transmitter, the electricians all but *begged* us to have 'em put in enough outlets where we might need 'em--seems their service department has a *lot* of repair calls that turn out to be crummy strips plugged into their nice outlets. These guys don't make work for themselves, and will avoid the fiddly little business of hooking up a long row of quads if possible...so their actions are, I think, significant).

73,
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Date: Sat, 30 May 1998 14:39:15 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: more Thunderbolt
Message-ID: <Pine.ULT.3.96.980530143625.25129C-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

First, thanks to those who offered a manual - I now have one.

One question. Besides building up a T pad from handsfull of very scarce 2 watt carbon resistors, is there a easier way to reduce the power from the exciter to the input of one of these grid-driven amps?

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Message-Id: <199805301943.PAA11355@camel7.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 30 May 1998 15:41:52 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@mindspring.com>
Subject: Anyone familiar with HT-9

I lugged a Halli HT-9 Transmitter this morning (and let me tell you, getting THAT out of the back of a Mustang hatchback by one's self is fun!) and wonder if anyone on the list has experience with these. While I have the oscillator coils, and final coils, I do not have any of the buffer coilsets. I believe they are a L/C combination and if I can get some particulars, I'd like try try and make a set for 160/80/40.

Any ideas ?

Thanks gang!
/John

+-----+
|Wanted: Howard Co. receiver/acc'ys/docs |
| AWA-OTB back issues... |
| JW Millen exciter |
+-----+

From: Kargokult@aol.com
Message-ID: <b96c75a4.357065e8@aol.com>
Date: Sat, 30 May 1998 16:02:47 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: FWD: RT-19 AN/ARC-4 & such
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

a forward from my email, that may prove of wider interest.
via hue miller:

> I remember some black wrinkle ARC-3's that were in a "Lend
> Lease" (Military Aid Plan) AN/CPN-4 GCA at RAF Northolt nr
> London. Northolt is/was? London's Military "Airport" for all
> Embassies and "home" to USAF 3rd A.F.

>(side bar) The 'CPN-4 GCA built by Gilfillan Bros. (later ITT) in
> California had to be the FINEST Ground Control Approach Radar
> EVER built. Recently, I was at Wright Patterson AFB Museum
> and to my delight!!.....they have acquired one from Keesler AFB.
> MISS. that was used as a training aid. SO COMPACT!! Twin
> Hercules Diesels in one power trailer, 3 bays of AZ/EL radar plus
> VHF/UHF D/F, AN/GPX-8 IFF Interrogator in the second one along
> with ARC-27's and ARC-3's. This GCA, designed in the fifties, would
> win an award TODAY for its correctness in Mechanical and Electrical
> integration in a limited space. It started its life as a vacuum tube design
> and (not yet) finished > its "useful life" as (modified) solid state
> design/upgrade.

From: Kargokult@aol.com
Message-ID: <94538da6.35706758@aol.com>
Date: Sat, 30 May 1998 16:08:55 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: "ATR boxes"
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

perhaps there are other readers who were not quite aware of
these designations, as i was not. altho the terms are commonly
used, i have not seen an explanation in any of the manuals or
texts i have looked at. via hue miller

> The standardization was "ARINC" (Aeronautical Radio Inc.)

>There was/is? a rating called Airline Transport Rating (ATR)" that
>defined the WIDTH only of boxes. This was/is? FULL ATR, HALF
> ATR and QUARTER ATR. E.g. a Collins 618T would be a FULL
> ATR, a Collins 51R3 (AN/ARN-14) would be a Half ATR. A
> Quarter ATR would be Collins 17L7/ 51X2 box size. The ATR was
>to allow airframe manufacturers to "rationalize" radio bays (early
>days) in Aircraft.
> It may? be in use today. The military embraced this pre-war
>"standard" for its own designs.
>
> Having installed many radio installations in A/C.....I have personally
used
> this info.

Message-Id: <199805302010.QAA27797@mcfeely.concentric.net>
From: "John K9UWA" <k9uwa@cris.com>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 30 May 1998 15:10:10 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Shipping to and From Canada / USA

>Tom, I have had several radio's shipped UPS out of Canada. The last
>was 50lbs and cost 66 canadian dollars.(44) US. Ups will also send you
>a bill for 20 for customs clearance. Because the radios I bought were
>also priced in Canadian dollars, the extra ups was worth it. Good
>luck, Kevin
Speaking of SHipping radios etc....very nice lady at local US Post
Office told me to always ship to Canada with:.....statement:

Returning Personal Merchandise to Owner

then the guy on the other end does NOT have to pay duty!!
de John K9UWA

John Goller, K9UWA
k9uwa@cris.com
<http://cris.com/~k9uwa/>

From: Kargokult@aol.com
Message-ID: <e2480ba8.35706a49@aol.com>
Date: Sat, 30 May 1998 16:21:28 EDT

To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: 450-465 rocks & filters
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

> I'm about half-way through my Mighty Midget RX project and am starting to
> get concerned about the crystals for the half lattice IF filter.
>
> I need two rocks in the 450-465 khz range. FT-243 holders would be the
> best, but other casings would probably also work. 455 khz rocks in FT-243
> holders would be ideal.
>
> Lew McCoy used surplus crystals in his original version of this RX. He
> mentions Channels 327, 326 and 45.

---if you go with xtals other than the "Channel #" ones, you probably want
to specify frequency separation, no? which would likely be about 2.5 kHz
for SSB/ CW, yes? did you plan to grind one up, say if you find 2 455
kHz rocks?

i been thinking of doing something like this for the BC-348: grinding up
a rock from a partser from 915 to say, 917.5, for a half lattice filter good
for ssb. or, what would be a good separation for AM? maybe the 2-xtal
design really doesn't lend itself to the wider bandwidth required for AM ?
tnx, hue miller

From: Kargokult@aol.com
Message-ID: <5f246bac.35706bae@aol.com>
Date: Sat, 30 May 1998 16:27:25 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: Different Super Pro 600 types...
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

skywaves@bw.webex.net writes:

>
> The 1948 ARRL handbook shows a drawing of the "Series 600 Super-Pro"
> and a \$395 Net price for "SPC-600-X receiver (Table Model) with PM
> Speaker and Speaker Cabinet" BTW, Halli. SX-42 is \$275, Collins 75A is
> \$375, and National HRO-7 is \$358.50 in the same book.

---the HRO-7 certainly seems overpriced in this company, doesn't it?
hue

Message-ID: <011001bd8c15\$2c00e560\$34ddd8cc@km3g.cts.com>
From: "Lane C. Zeitler" <km3g@cts.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need value of Stancor choke
Date: Sat, 30 May 1998 14:51:58 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="-----=_NextPart_000_010D_01BD8BDA.7EC7DA00"

This is a multi-part message in MIME format.

-----=_NextPart_000_010D_01BD8BDA.7EC7DA00
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Gentlemen,
I found a Stancor dc filter choke. part number is 55A013. I looked in my =
1963 WRL catalog to see if I could find the values but no luck. Does =
anyone know what the henry, voltage, and current rating are for this =
choke??

Lane
KM3G
San Diego

-----=_NextPart_000_010D_01BD8BDA.7EC7DA00
Content-Type: text/html;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
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<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.72.2106.6"' name=3DGENERATOR>
</HEAD>

<BODY bgColor=3D#ffffff>
<DIV>Gentlemen,</DIV>
<DIV>I found a Stancor dc filter choke. part number is =
55A013. I=20
looked in my 1963 WRL catalog to see if I could find the values but no =
luck.=20
Does anyone know what the henry, voltage, and current rating are for =
this=20

choke??</DIV>
<DIV> </DIV>
<DIV>Lane</DIV>
<DIV>KM3G</DIV>
<DIV>San Diego</DIV></BODY></HTML>

-----=_NextPart_000_010D_01BD8BDA.7EC7DA00--

From: Kargokult@aol.com
Message-ID: <5bfcbf34.357073a0@aol.com>
Date: Sat, 30 May 1998 17:01:19 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: junk for parts, live/die?
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

anchor@coastalnet.com writes:

> Scientific Radio Systems, Inc, Rochester, NY;
> front panel says SR206M SSB Transciever

---you can probably/ maybe find a manual for this, if you care to bring it to life. for me, this seems to kinda be the razor's edge of to live/ or to die for parts: if i can within some period, even a year, find a manual, or get on the trail of one.

> 6 channels, 2 xtals installed in oven, 453.650 & 1953.650 kc;

---most of these are USB only, then more seem to be USB / AM, then the rarest are those with USB / LSB. so if you have USB only, you would theoretically move the LFO xtal to the "opposite side" of the sideband. (should work, but i haven't done this.) (there's another way without changing the xtal, but it involves the frequency generating path and the HF xtals, and this is more of a pain because of bandpass amplifiers in the circuit, that would have to be changed....)

> Collins f-455 FD 19 mech filter;

---sometimes, if you have a chance to buy a boatrado cheap, the best (and only worthwhile part) may be the 455 filter. these are not seen that often, many are 10.7 MHz and then there are 5.3 and other odd frequencies, which won't be very useful at all except maybe to a homebrew creator.

> plug-in boards, Freq. Gen., Options, IF/Audio, (not in place - Duplex Freq.

> Gen., FSK).

---plug in boards are a hassle cuz you would pretty much have to make extender boards to tweak and service the circuits. i have a real nice looking Airmac set but it uses plugin boards too, and i don't want to go down this path of having to majorly learn this particular unit, so it's going.

> 120v PS & spkr internal

---the ACPS is an attractive feature, but you're still faced with the above listed challenges. even for a monitor rec or WWV receiver, it's still easier and more fun just to use your regular tunable boatanchors.

> Remote Ant. Tuner (too bad that wasn't incl)

---the ant tuners aren't that sophisticated that they're really cool. i don't think they would be of use, except for parts basis, for ham radio sta. use as i think they're more geared to tuning up just to match certain pre set channels.

---i have a bunch of boatradios, thinking that some should survive. i'm thinking use on single band, change channel knob to vfo, maybe using 10-turn pot, so thing looks original. of course, finding a manual is the hard part.
regards, hue miller

From: JONWEINER@aol.com
Message-ID: <4f2ec125.35707498@aol.com>
Date: Sat, 30 May 1998 17:05:27 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: WTD: Manual for Morrow CM-1
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I'm in need of a copy of the manual for a Morrow CM-1 Conelrad monitor. Recent events in South Asia may make it a necessity in the shack again.

Jon, K1VVC

End of BOATANCHORS Digest 2074

>From ???@??? Sun May 31 05:33:03 1998

Message-Id: <199805310446.XAA24152@sco.theporch.com>
Date: Sat, 30 May 1998 23:45:41 CDT
Subject: BOATANCHORS digest 2075

BOATANCHORS Digest 2075

Topics covered in this issue include:

- 1) Re: Brand new junk
by Al Parker <anchor@coastalnet.com>
- 2) Re: Brand new junk
by "Arden Allen" <gumbear@pacbell.net>
- 3) Re: "ATR boxes"
by Michael Hanz <AAFRadio@erols.com>
- 4) Cleaning chassis question
by "Larry Johnson" <k5yf@wt.net>
- 5) RE: Stranded BA in Alberta
by Marty Raine <mraine@compusmart.ab.ca>
- 6) Unidentified Collins xmtr????
by Bob Login <jlogin@gville.mindspring.com>
- 7) Ampex Tape Machine
by Sandra L Knepper <slkst29+@pitt.edu>
- 8) Re: Ray Jefferson, boat B/As
by Kargokult@aol.com
- 9) globe scout 680 question
by Steve Lords <sklords@sprynet.com>
- 10) FS: Misc
by "William C. Robbins" <billrobb@net-link.net>
- 11) Value of SP-200 PS Resistors?
by Tom Norris <badger@telalink.net>
- 12) AR-88 Trim Strips?
by Dick Dillman <ddillman@igc.apc.org>
- 13) FS: HRO-50T
by "William C. Robbins" <billrobb@net-link.net>
- 14) Re: Cleaning chassis question
by "Arden Allen" <gumbear@pacbell.net>
- 15) Re: AR-88 Trim Strips?
by Al Klase <skywaves@bw.webex.net>
- 16) Information needed
by "Doug Obenchain" <dobench@netusa1.net>
- 17) FS: NC-300 Spkr, SWR meter
by dlwade@pacbell.net
- 18) Info on Tek plugins
by dlwade@pacbell.net
- 19) BA Misc FS
by don merz <71333.144@compuserve.com>
- 20) Millen Antenna bridge
by "Robert Nickels" <ranickel@mwci.net>

- 21) Original R-390 (non-A) manual wanted
by Tom Norris <badger@telalink.net>
- 22) Viking 6N2 / AB1 modulator / power supply Forsale
by Allen Tucholski <allent@en.com>
- 23) Sorting the 6M HB TXs
by MNHopkins@aol.com
- 24) Re: TUBEDATA Database
by Kargokult@aol.com

Message-Id: <3.0.5.32.19980530173929.007a7470@mail1.coastalnet.com>
Date: Sat, 30 May 1998 17:39:29 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Al Parker <anchor@coastalnet.com>
Subject: Re: Brand new junk
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Arden,

Did this junk have a UL sticker by chance? If so, some code must have been violated, & some action should be taken besides just sending the stuff back, at least for the protection of the unwittingly unwary.

73, Al

=====

At 11:55 AM 5/30/98 -0700, Arden Allen wrote: many snips--

>

>Sometime back we had a thread going about 3 wire cords and messed up house
>wiring. Here's a case of how bad things can be right out of the box:

Examining the mounting of the rear cover we discovered that,, it was easily possible to

>deform the rear cover and bring it into contact with the outlet terminals

>as there was no insulation backing inside the rear cover.

>Monday, instead of messing with the three other strips, we will order the

>Waber products and return the SPC junk. It's just not worth the risk to

>endanger our company and its personnel to have this kind of unsafe garbage

>on the premises. NEWARK, GET YOUR ACT TOGETHER!!!

>>Let this be one more lesson for us, be SAFE,.....BE WARY.

>>Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

>

>>

73,

Al, W8UT

BOATANCHORS Enjoyed Here

anchor@coastalnet.com

New Bern, NC

Message-Id: <199805302141.0AA11388@mail-gw3.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Brand new junk
Date: Sat, 30 May 1998 14:39:25 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Bobbi and group;

Thanks for updating my leaky memory.....

> I have *never* seen one from *any* mfr that had the line and neutral
> wires soldered (or under solid screw terminals), and most of them don't
> solder the grounds, either. The "three-fingered" connector you describe
> it the most common method. Open up your new "high quality" strips when
> thy arrive, and you'll find the same; odds are they will have done a
> better job of mashing the contacts and trimming the wires, but it's still
> the same awful hardware.

I haven't opened up many of these kind of strips myself. Here at home I buy the metal strips that are made up of three duplex outlets each so that they can be easily repaired, even though I found I had to rework them. I use hospital grade outlets in my work shop because I was lucky enough to salvage a bunch from scrapped equipment a few years ago. I wondered what the difference between "contractor" and "specification grades" was because I was not impressed with the contractor grades I found in a hardware store yet I've seen, and checked, some good quality outlets at places I've worked. The building my employer just moved to has all good quality outlets, thank God. It only seems right that the "three fingered" terminals SHOULD be soldered, they are no better than any other terminal where the wire is just fashioned to stay in place while the connection is soldered.

The reason we bought the strips at work was because it was getting to the point where we needed a machete to hack our way through the maze of daisy chained power strips (do this after you throw the breaker!) to get anything reorganized. We are engulfed in a plague of UL/CSA snakes and parasitic wall warts. Well I have some thinking to do between now and Monday. 73.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <35712658.E4A@erols.com>
Date: Sun, 31 May 1998 05:43:52 -0400
From: Michael Hanz <AAFRadio@erols.com>
MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "ATR boxes"
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kargokult@aol.com wrote:

> > The standardization was "ARINC" (Aeronautical Radio Inc.)
> > There was/is? a rating called Airline Transport Rating (ATR)" that
> > defined the WIDTH only of boxes. This was/is? FULL ATR, HALF
> > ATR and QUARTER ATR.

ARINC also defined a 1.5 ATR, which is in reality the ARC-38/618T size, about 15.5" wide. The military also defined the full ATR as the B1-D1 rack, and A1-D1 for the half ATR, since the military could never be satisfied with a puny commercial standard! :-) The width of the A1 designation was about 5.18", and multiples of that width were ascribed to B1, C1, etc. D1 was the height, which was approximately 7.5", but I have examples of aircraft equipment up to 10.75" in height (which was designated as E1). Dunno what the ARINC standard would call these taller units. Never heard of a quarter ATR, since that would presumably be ~2.6" wide. The ATR standard is described in the appendices of a number of books of the period, the earliest of which I have on hand is the excellent 1942 "Principles of Aeronautical Radio Engineering" by Sandretto. It is alive and well today in the form of Airlines Electronic Engineering Committee (AEEC) standards. The curious thing about these standards back in the '40s is the wide tolerance assumed by various manufacturers of the racks and equipment - I've had to swap racks around to get various "standard" ATR boxes to reasonably fit, and am going to have to fabricate a rack for an ARQ-9 jamming system that adamantly refuses to shoehorn into a 1.5 ATR rack like it is supposed to do. I'd be happy to copy the 3 plates of the ATR appendix for those interested in such arcane information.

73,
Mike Hanz KC4TOS
Herndon, VA
AAFRadio@erols.com

Message-ID: <000601bd8c15\$34c3f020\$ec14ecd0@k5yf>
From: "Larry Johnson" <k5yf@wt.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Cleaning chassis question
Date: Sat, 30 May 1998 21:52:12 -0000
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I know we keep revisiting the subject of cleaning radios, and I should have been paying closer attention...took the SX-71 out of the cabinet...this guy is going to need major work cosmetically.

Was looking at the chassis....usual steel chassis, little bit of rust here and there, very well oxidized. Wiped it off, blew and vacumed it off, and has this layer of oxidation on it that I would like to clean off. Nothing I have seems to work, tried a scotch brite pad in a corner and that does take it off, at least down to clean metal. Not perfect but much better looking if I can do the whole thing...a pain...

During the test, realized it was generating that whitish power as it took the oxidation off. Then remember something previously in the BA discussions...is this a problem? or better yet, is this related to cadmium or cadmium plating??? Thanks.

Larry Johnson, K5YF
Houston, Texas USA
e-mail: k5yf@wt.net

Message-ID: <35709402.4D2F@compusmart.ab.ca>
Date: Sat, 30 May 1998 16:19:30 -0700
From: Marty Raine <mraine@compusmart.ab.ca>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: RE: Stranded BA in Alberta
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom....I happen to know of a ham who drives one of those multi-wheeled vehicles between Western Canada and Chicago and out to New England states. I could ask him if he were willing to help. It may take a little time to make it happen, so, don't let the seller here make a parts rig out of it. If you want, have him contact me and I would keep it here until it can be shipped. My friend comes thru Edmonton on his travels. He also has a contact on the US side for us poor Cdns to ship to for pickup to carry north. See, not everything goes back south. I won't keep it on you, I'm one of those Collins collector nuts.

Trust me, he says.....

Marty
VE6TS
Edmonton, AB

Message-Id: <199805302223.SAA13540@camel8.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 30 May 1998 18:19:51 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Bob Login <jlogin@gville.mindspring.com>
Subject: Unidentified Collins xmtr????

Dear Fellow BAer's.. No one responded. Its a nice looking radio
and would really like to know something abt it--Tnx

Hi--Looking for help in identifying a xmtr. Looks like a bigger version
of a 310 exciter. It covers 8-27MHz and has what looks like a 4D32
in the final. Has Collins wing emblem and sliderule dial with three bands
anyone know this rig and possibly hve documentation?? 73's Bob, AA8A

Date: Sat, 30 May 1998 19:04:14 -0400 (EDT)
From: Sandra L Knepper <slkst29+@pitt.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Ampex Tape Machine
Message-ID: <Pine.GS0.3.96L.980530185821.3717A-100000@unixs5.cis.pitt.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Selling my studio Ampex AG-440 two head stereo machine on casters. This
machine has the two matching preamplifiers mounted on top and at the rear
of the tape mechanisms. Price is negotiable - nothing more than \$1,000
and nothing less than \$500. Shipping would be next to impossible.
Mechanically and cosmetically a very lovely machine. This machine has
been completely reconditioned and sounds as good as it looks
with its simulated wooded base. Was inspected by two audiophiles and
judged to be in above average condition.

Pickup near Johnstown, PA
I need to make room.

Thank you.

Dave, W3ST
Publisher of the Collins Journal

From: Kargokult@aol.com
Message-ID: <244f71be.3570946c@aol.com>
Date: Sat, 30 May 1998 19:21:15 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: Ray Jefferson, boat B/As
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

emailed to me, re: Boat Radios generally, but may have wider
interest. via, hue miller

> I saw this and thought I'd ask a boat-radio type question. In
> my travels, I picked up a Ray Jefferson Model 914. Definitely
> a maritime type AM rig, complete with 32 volt dynamotors. Outside
> is "used-but not abused" insides are very clean, its only missing
> the 4 807s. It has some of the reddish-orange military type
> acceptance markings and the insides are MFP'd, but no military
> designation plates.

>

> The questions are: anybody collect this type of equipment?

---not very many, for sure. a few are just kept by some folk as an
example, having strayed into their possession. for me, they offer
good collectibility: they cover low HF, can actually be repaired
(b/a type components), have AM capability on ham bands altho
they were intended for the commercial bands. plus, they (for me
anyway) have some of the "romance" or allure of radio equipment
used in critical, tenuous radio links: think of some little fishboat
in the late 1940s off Neah Bay, caught in a big blow and trying to
reach the USCG on 2670 with a 15-watt RMCA box.

one of the best attractions of collecting such, is prices are still
pretty low, basically nobody wants them, there are no Illustrated
Price Guides, no 800-buyers, no orient export agents, and maybe
never will be. some of the radios have a tunable band which in some
reaches to 6 mc/s or so, so you can listen to BBC and such on it.
Some of the big Northern Radio Seattle models tune up to 15 mc/s.

> sources of info?

---you can advertise and maybe dig up a source for some of the
common ones, like RMCA or Apelco. the rest, good luck! do you
enjoy wire tracing? (flashlight, ohmmeter, darning needle, small
tools) and manual writing?

> Just who was Ray Jefferson anyway?(And are they

> any relation to Jefferson-Travis of JT-350 fame?

---i suspected this too. but JT was on the east coast and RJ is somewhere else. anyway, RJ would never admit to me any link.

> I entertained notions of firing it up and maybe putting it on 160
> (or even 80-one of the transformers inside is marked 2-6 mc),

---yes, they are pretty easy to fire up. the 32 volts of this one is a bit of a problem as you'll probably have to rewire the fils for your own supply. winging it without a manual, i find the hard part is tracking the channel switch and the mass of wires that come off it.

good luck! h. m.

Message-ID: <3570981D.A5307F2C@sprynet.com>
Date: Sat, 30 May 1998 17:37:02 -0600
From: Steve Lords <sklords@sprynet.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: globe scout 680 question
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

greetings
while going through my 680 i notice the resistor going
to the 6v6 osc circuit was a 5k instead of a 6k like the
parts list calls out
does anyone know why somebody change the value
maybe it opened up and 5 k was all the person had
or was there a mod??
also has any one measured the output of the 680??
i get about 53 watts input (440 vdc @120 ma)
and on my mfj wattmeter 40 watts out on 40 meters..
thanks
steve
wa7isl :)

Date: Sat, 30 May 1998 20:16:43 -0400
Message-Id: <199805310016.UAA15638@mail.net-link.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: "William C. Robbins" <billrobb@net-link.net>
Subject: FS: Misc

Please make offers on the following:

ARRL Handbook 1959
 1978
 1977
ARRL Antenna Book 14th Ed
ARRL Operating Manual 1987
Radio Amateur Callbook, 1973 flying horse DX edition in hardbound cover
RCA 'Ham Tips', 8 pages flyers. 3 titles, 1969 - 1970
The New Electronics, Shore1970
CQ series, Vertical Antenna Handbook, 1974
Principals of Electricity, 1967
Radio Shack, From 5 Watts to 1,000 Watts, programmed course.
ARRL Electronics Data Book, 1976
Allied Radio Corp, Getting Started in Electronics
 How to Build Electronic Kits
 Using Your tape Recorder
 Dictionary of Electronic Terms

Thanks,

Bill

Heathkit Collector
WA8CDU formally WN8CDU

Message-Id: <3.0.5.32.19980530200230.00803100@mail1.telalink.net>
Date: Sat, 30 May 1998 20:02:30 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <badger@telalink.net>
Subject: Value of SP-200 PS Resistors?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Question --

What is the wattage rating of the resistors in the SP-200 series power supply?
The manual refers to them in value and how many taps they have.

The resistor in question is in the B+ and is a center tapped 18 K.

One end is burned and have temporarily fixed it by digging out the nichrome wire and wrapping it to the terminal so I can at least get the rx up and running.

(almost there!!!)

Thanks

Tom

Please visit The Mil List for info on military communications gear:

[HTTP://www.telalink.net/~badger/millist/mi.html](http://www.telalink.net/~badger/millist/mi.html)

This is a non-commercial endeavor strictly for providing
info for those who have a need for it - and intertainment
for those who dont....

ANY and ALL Contributions Welcome.

Tom Norris KA4RKT

badger@telalink.net Nashville, Tennessee, USA

Date: Sat, 30 May 1998 18:07:46 -0700 (PDT)

Message-Id: <2.2.16.19980530180503.3cdf7f74@pop.igc.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: Old Tube Radios <boatanchors@theporch.com>

From: Dick Dillman <ddillman@igc.apc.org>

Subject: AR-88 Trim Strips?

Does anyone know the proper method for removing the two horizontal trim
strips from the panel of the AR-88 receiver? Mine need refinishing.

Regards,

Dick

Dick Dillman

<ddillman@igc.apc.org>

WPE2VT W6AWO

Collector Of Heavy Metal:

Harleys, Willys and Radios Over 100lbs.

Date: Sat, 30 May 1998 21:24:48 -0400
Message-Id: <199805310124.VAA21241@mail.net-link.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: "William C. Robbins" <billrobb@net-link.net>
Subject: FS: HRO-50T

I have for sale a National HRO-50T with 4 coils....'A', 'AA', 'B',and 'D'.
It works well but needs aligning. I would give it a 7-1/2 to 8 on the 10
scale. No manual.
\$275 plus shipping from Michigan.

Bill

Heathkit Collector
WA8CDU formally WN8CDU

Message-Id: <199805310221.TAA00442@mail-gw.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Cleaning chassis question
Date: Sat, 30 May 1998 19:22:11 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Larry;

> Was looking at the chassis....usual steel chassis, little bit of rust
here
> and there, very well oxidized. Wiped it off, blew and vacumed it off, and
> has this layer of oxidation on it that I would like to clean off. Nothing
I
> have seems to work, tried a scotch brite pad in a corner and that does
take
> it off, at least down to clean metal. Not perfect but much better looking
if
> I can do the whole thing...a pain...

There are two concerns mixed into your question, the way I read it. One is
the emotional turmoil engendered by the view of a chassis that looks as if
it may never again be able to look new and shiny. The other is trying to

understand the science of cleaning and restoring the metal finish as well as attainable. Both subjects can get quite involved.

Accept the fact that an old radio will never look like a new radio without manufacturing a new radio to replace the old. What in your mind should an old radio look like that you will be comfortable with?

Are you willing to experiment cautiously with various cleaning techniques to find the one appropriate for the anticipated outcome of your restoration or do you want a quick and simple method without much concern for the final results?

My approach is as follows: Like a doctor treating a patient, I observe the Hippocratic oath, "do no harm". Any cleaning method you elect to do must not damage or potentially damage the radio. Chemical residues can damage insulation and cause severe corrosion.

Brushing away loose oxide (done with plenty of ventilation, cadmium is poisonous) should be done with a bristle brush, not a wire brush or scotch brite pad. An abraded chassis surface looks horrible IMHO. Next I would experiment with chemical solutions in a controlled area to see what result I can get. A cleaning solution of Mr. Clean and ammonia is what I find to be effective at cutting some kinds of oxidation but it can be very damaging to insulation. Spot scrubbing with a soft cloth, q-tips and an acid brush is slow and tedious but it keeps things under control. After cleaning an area wipe it dry and allow the surface time to dry to see what the result is. If the metal still looks powdery a pink eraser and a typewriter correction eraser will help to remove some of the oxide without scratching up the metal. Heavy areas of oxidation or corrosion will not come out so well and you should use good judgment to know how far to go. When finished cleaning I go over the areas to remove as much ammonia as possible with a solution of distilled water and isopropyl alcohol; rubbing alcohol works well. To protect the metal from oxidizing and corroding again I paint the chassis with WD-40 (don't spray, you'll get it into coils and trimmer caps where it will cause frequency instability). After the chassis has soaked up the WD-40 for a couple of hours I wipe the chassis thoroughly with a clean dry cloth to remove the stickiness. The WD-40, like furniture polish, tends to hide the powdery look of oxidized areas. That's how I do it, it has worked well for me on all chassis metals. Take your time and you will be much happier with your results. Remember, Grandma and Grandpa were old and wrinkled but that didn't stop us from loving them.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <3570BEAF.93917037@bw.webex.net>

Date: Sat, 30 May 1998 22:21:35 -0400

From: Al Klase <skywaves@bw.webex.net>

MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: AR-88 Trim Strips?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Pry Gently! They clip over a more substantial metal strip underneath.
At least on my RX they do.

Good luck,
Al

Dick Dillman wrote:

>
> Does anyone know the proper method for removing the two horizontal trim
> strips from the panel of the AR-88 receiver? Mine need refinishing.
>
> Regards,
>
> Dick
>
>

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

>
>
>

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Message-ID: <002f01bd8c3c\$832f8d60\$0501a8c0@dobench.netusa1.net>
From: "Doug Obenchain" <dobench@netusa1.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Information needed
Date: Sat, 30 May 1998 21:33:33 -0500

Hello all, I am in need of a manual, calibration information etc. for a RCA Senior VoltOhmyst WV-98A VTVM. I know it is not a Boatanchor radio but it is tubes and It is used on boatanchor radios so it does fit in somehow. Any type of information will be appreciated, either whole manuals, copies,

e-mail attachments, etc.

Doug Obenchain KB9RYO
Kokomo, Indiana, USA
#####

From: dlwade@pacbell.net
Message-Id: <199805310255.TAA21812@mail-gw3.pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 30 May 1998 19:55:30 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: FS: NC-300 Spkr, SWR meter

Hello everyone,

I have the following for sale. Prices DO NOT include shipping from 95821. Feel free to email with questions, but if you want it, say so.

Speaker, matching for the National NC-300. This is the *smooth* two-tone grey finish, not the wrinkle. It is in very good condition, with no dents or rust. Some scratches on the top, and fewer on the sides. Cone is in good shape. Original cloth covered leads and spade lugs. \$40 plus shipping.

SWR meter, "Hansen" model SWR-3. This is a small unit, about 5" x 2.5 inches with SO-239's on either long end, and a provision for a small wire pick-up for field strength indications. For those in the Bay Area (especially the South Bay) and others with good memories, this one was sold by Quement Electronics, and has the Q logo on the front panel. Body is grey wrinkle with minor rust on the back. Front is black, with the 1 3/4 inch meter face being white. I've run 250 watts through it with no complaint, but I don't know how much more it can handle. A KW it won't..... \$10 plus shipping.

Feel free to make offers...

Dennis

Dennis L. Wade
KG6ZI WPE6HAE

Sacramento, CA
Repy to: dlwade@pacbell.net

From: dlwade@pacbell.net
Message-Id: <199805310255.TAA21824@mail-gw3.pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 30 May 1998 19:55:30 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Info on Tek plugins

Good evening folks,

I have a type CA plug-in and a 1A2 plug-in for my 545A scope.

Would someone briefly compare/contrast the two units? Do I need them both, or do they both have about the same function/specs.

Thanks,

Dennis
Dennis L. Wade
KG6ZI WPE6HAE
Sacramento, CA
Repy to: dlwade@pacbell.net

Date: Sat, 30 May 1998 23:29:47 -0400
From: don merz <71333.144@compuserve.com>
Subject: BA Misc FS
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199805302331_MC2-3E9F-D2D1@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Radio Miscellany & Literature For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

FOR SALE

Millen 43041 plug-in coil. Used in the 90881 amplifier for 40 meters

and possibly elsewhere. \$12 PPD.

Electro-Voice 423-A PTT mic stands. These are the modern brushed-aluminum ones that you usually see with the EV 638 mic etc. No mics, just two stands. Have cables but no connectors on either end. \$22 PPD

Western Electric Teletalk Intercom slave station. Just a speaker (also used as a mic) in a brown bakelite box. 2 tiny unoriginal holes in lower center of each side. \$11 PPD

Military T-17 mic made by Shure. Black bakelite. Modified with larger holes in the speaking end. With good cord and PL-68 plug. \$11 PPD

Military Telephonics handheld mic. Round black metal with chrome grille. Probably mounted on chestplate originally. Wrong cord. \$7 PPD

Astatic 331 handheld mic. Black with chrome trim. Square face tapered to point where cord comes out. Slide switch on side. This was the correct mic for use with the Gonset Communicator IV line but the Gonset version has a Gonset logo on the windscreen. This one has the Astatic logo in that spot. No connector. Untested. \$11 PPD

Astatic 151 handheld mic. Small plastic square mic that works well with the Heath lunchboxes but is not original. With cord and single button mic connector. \$7 PPD

Heath T-4 Signal Tracer. 2-tone gray with flocked speaker grille. Has tuning eye. Some small blemishes but very pretty overall. All original with probe and manual copy. \$16 plus shipping

Western Electric 96A Test Set. Some sort of wire line test rig with a WE KS-14959 Wheatstone Bridge (made by Leeds and Northrup) as the heart. Schematic and 3-wire test leads in the lid. Painted battleship gray. Panel is black bakelite. It normally uses a battery which is not present. But with voltage applied, it does seem to be working. Use and value unknown. \$15 plus shipping (it's heavy)

LITERATURE

LISTEN "A 4-Page Advertisement of the Radio Corporation of America." This is a large 11x17 format brochure from August, 1938. This issue covers Howard Hughes' round-the-world flight as detailed by the on-board NBC radio team. Slight tears in bottom edge. Otherwise excellent. \$11 PPD.

Millen 90881 amplifier manual copies (have 2). Just 2 pages. \$3 PPD

Millen 90281 power supply manual copy. 2 pages. \$3 PPD

Millen 92101 antenna preamp manual copy. \$5 PPD

Gonset VHF FM and AM Receivers Flyer from Fair Radio Sales. Undated but must be from 50's. Some paper deterioration in center. \$3 PPD

RCA MI-9355 Photophone Theater Amplifier manual copy dated 1939. Uses 845 tubes and 866 rectifiers to produce 60 watts out at 2% THD! \$5 PPD

Popular Mechanics Radio Blueprint R-366 dated May, 1948. Diagrams a 4-tube AC/DC superhet. \$4 PPD

Proceedings Of The Institute Of Radio Engineers. March, 1931, June, 1931, June 1932, and June, 1936. Some cover deterioration but very good overall. \$32 PPD for the 4 volumes

Transmission Line Transformers by Jerry Sevick, ARRL, 1990. Too deep for me. Nice hardback. \$9 PPD

Military RAF Signal Manual, Radio Communication Part II, May, 1937. Must be 1000 pages. Good shape. Mostly theory. \$30 PPD

RADIO-RELATED...KINDA

Marine Battle Skills Training Handbook, 1993. General Military Subjects. \$8 PPD

Marine Battle Skills Training Handbook, 1993. Individual Combat Basic Tasks. \$9 PPD

The Bluejackets Manual, 1943. Us Navy. Hardback. Very Good. \$11 PPD

Aviation History Magazine, 9/97. Free

Air & Space Magazine, 7/97. Free

Military TM 5-857-1 Design of Underground Installations In Rock., 1961
For people who want a hardened shack. Your R390 may survive the pulse but will you? \$7 PPD

CONTACT: Don Merz, 47 Hazel Drive, Pittsburgh, PA 15228
412-234-8819 (weekdays, EST)
Internet: 71333.144@compuserve.com

Message-ID: <012201bd8c47\$db953f80\$368a3ece@default>
From: "Robert Nickels" <ranickel@mwci.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Millen Antenna bridge
Date: Sat, 30 May 1998 22:54:14 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

I need some help understanding what I've got here - it's a type 90672 Antenna Bridge with that great Millen look - even came in the original box! But there's an S0-239 on the side and a type 6672 LC network with a PL-259 that can attach there. And on the top, theres a 2-pin "crystal socket" and and three molded plastic plug-in loops of different shapes/sizes.

Obviously, what I didn't get is a manual! The purpose is fairly clear, with knob marked from 5-500 ohms, but I'd be interested in knowing how this thing is used. I'm thinking I only have one of a set of coils, as this one is also marked "80".

Thanks and 73,

Bob W9RAN

Message-Id: <3.0.5.32.19980530225728.0091f770@mail1.telalink.net>
Date: Sat, 30 May 1998 22:57:28 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <badger@telalink.net>
Subject: Original R-390 (non-A) manual wanted
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Title pretty much says it all. There are original 390A manuals all over the place, but don't see the 390 (TM 11-5820-357-35) around much. If anyone has a -357-20 lying around, that would be great too. Also need a TM 11-5820-358-20 or thereabouts. Originals preferred as these are for the ongoing online scanned manual project

Thanks

Tom

Please visit The Mil List for info on military communications gear:

[HTTP://www.telalink.net/~badger/millist/mi.html](http://www.telalink.net/~badger/millist/mi.html)

This is a non-commercial endeavor strictly for providing info for those who have a need for it - and intertainment for those who dont....

ANY and ALL Contributions Welcome.

Tom Norris KA4RKT

badger@telalink.net

Nashville, Tennessee, USA

Message-Id: <2.2.32.19980531041005.006c9cec@en.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 31 May 1998 00:10:05 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Allen Tucholski <allent@en.com>

Subject: Viking 6N2 / AB1 modulator / power supply Forsale

Viking 6N2 RF Deck. All original except cabinet has been repainted blue. Untested. Front panel will clean up nicely. Unit is overall an 8. Inside chassis underneath is a 10. Silver plated link. Inside dusty, will clean up. No extra holes. All screws for front panel original. All tubes included. 5894 final, 6360 driver
Schematic included.

\$65 Plus shipping

Modulator for above. Class AB1 Pair of 807's in this beautifully built homebrew modulator. Wiring is very neat! Thordarson multi-match 60 watt modulation transformer, and has a very nice Thordarson driver transformer. Also has a modulation meter built in on the front panel. Has blue cabinet to match power supply and rf deck. Requires power from an external power supply. (Unit is a 9+) I can supply a Jpg picture of the modulator or all three units if you are interested.

\$70 Plus Shipping

Power supply for above units. (Tested!) Homebrew, but again, just a great job in building the supply +375 and +800 for the RF deck and modulator. Has built in relays to control modulator and 6N2. Large plate transformer and chokes. Has two high quality panel meters for voltage and ma. fits into it's own cabinet. Unit is about 30 Lbs, but compact.

\$65 Plus shipping

Requires interconnect cables (not included) from the Rf Deck to power supply and modulator.
Should be easy to figure out.

Or will sell all three units for \$175 Plus Shipping.

(I am located in Cleveland Ohio zip 44125)

You can call me if you have any questions.

visit my web page at <http://www.en.com/users/allent>

Allen

From: MNHopkins@aol.com
Message-ID: <380b1a0a.3570d6db@aol.com>
Date: Sun, 31 May 1998 00:04:42 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Sorting the 6M HB TXs
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The ARRL published plans for at least a half dozen simple Six and Two Meter transmitters over the years. With returning sunspots it may be time to put one back on the air. Here is a spotter's guide with reference to the 6M version in each.

"A Simplified Exciter for 50 and 144 mc," ARRL Handbook, 1951, p 407.

Uses 6J6 and an 832 in wide open layout. The 832 is a distinct, short version of the 829 and 5894. All use a special large 6-pin socket.

"Transmitter-Exciters for 50 and 144 mc," ARRL Handbook, 1954, p 403.

12AU7 and 2E26 in the first of many TXs built on the bottom panel of a Bud box.

"A Versatile 50-Mc. Transmitter," Tilton, E. (W1HDQ), QST 1958, October, p. 16.

Easiest to build, perhaps, but abandons the baseplate style of building. It uses a 6U8 and 2E26 or 6146.

"A Complete Two-Band Station for the V.H.F. Beginner," Tilton, E. (W1HDQ), QST, 1961, July, August, September and October.

also published as:

"Efficient Low-Power Transmitters for 50 & 144 MCs," ARRL VHF Handbook, 11th Ed, 1969, p 105.

These are much more sophisticated than the earlier offerings, using butterfly caps and a 6CX8 driving a 6360 but same built-on-a-Bud-baseplate style of construction is used. The circuit is reminiscent of the Tecraft series of VHF TXs. Also described is a set of VHF Nuvistor converters, a 14-18 mc regenerative receiver, a power supply/modulator and a SWR meter. This set up is pictured in the ARRL VHF manual as late as 1972.

"50-Watt Transmitters for 6 and 2," ARRL Handbook, 1969, p 432.

Elaborations on the Tilton 6M rig using 6BA8, 6146 and pair of VR tubes.

These citations are not exhaustive. The same material may have appeared in other editions or collections. Also omitted are the many 6M TXs from CQ and other ham sources plus the electronics hobbyist press. However, after 20 years of study, the compiler has a sporting chance IDing any given piece of 6M gear and may be reached as below.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

From: Kargokult@aol.com
Message-ID: <7883ff87.3570e04f@aol.com>
Date: Sun, 31 May 1998 00:45:02 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: TUBEDATA Database
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

> Hello All,
> Just got this computer program called
> TUBEDATA written by Ake Holm.
>
> It's a database listing 27,000 plus tubes/valves.

are any of the computer tube-directories complete enuff with actual specs, like maybe even curve charts, that i can advance into the paperless age and dispose of my tube manuals?
tnx, hue

End of BOATANCHORS Digest 2075
